

Amendments to the Specification

Please add the following new heading and paragraph before "Field of the Invention" on page 1, line 3:

Cross-reference to Related Applications

This application is a divisional application of copending, commonly assigned Application No. 09/923,893, filed August 6, 2001, the disclosure of which is incorporated herein by reference.

Please replace paragraphs [0048] and [0049] with the following amended paragraphs:

[0048] Test samples of compositions B2 and B3 set forth in Tables III and IV below were prepared according to the two batch process described above.

Table III

Formula B2 (based on Formula B2 from Table II)	
Ingredients	Weight Percent (%W/W)
ATEVA 2803	74.00%
Piccotac® 95	5.00%
Vulcup 40 KE	3.00%
Celogen® OT-72DG	5.00%
Kadox 911	4.00%
Irganox 1010	2.00%
Cyanox 1212	1.00%
Sartomer SR 350	2.50%
Raven C Ultra Beads	2.50%
Expancel® 91-DU	1.00%
Total	100.00%

Table IV

Formula B3 (from Table II)	
Ingredients	Weight Percent (%W/W)
Evatane® 28-05	74.00%
Piccotac® 95	5.00%
Vulcup 40 KE	3.00%
Kadox 911	4.00%
Irganox 1010	2.00%
Cyanox 1212	1.00%
Sartomer SR 350	2.50%
Raven C Ultra Beads	2.50%
Expancel® <u>092-DU-120 092-DU-12-</u>	6.00%
Total	100.00%

The final B2 and B3 composition pellets were separately placed into a 6x6x0.040 6x6x0.40 inch mold sandwiched between two Teflon sheets and steel back plates. This mold assembly was then placed in the platens of a hydraulic hot press heated to 100°C. The mold assembly was preheated to approximately 60 seconds under a load of 1000 psi. The pressure on the mold assembly was then increased to 30,000 psi then released to zero psi three times. This allowed any air in the mold assembly to be expelled. The pressure was then increased to 30,000 psi for 2 minutes. The pressure on the mold assembly was then released, and the mold was placed into a cold press where the pressure was increased to 30,000 psi and held for 1 minute in order to cool the mold assembly. The pressure on the mold assembly was released, and the mold was released from the assembly. The 6x6x0.040 6x6x0.40 inch molded plaque of material was removed from the mold and any excess flashing was trimmed from the plaque.

[0049] Test strips 0.25 inches in width, 0.040 0.40 inches thick and 6 inches long were die cut from the molded plaques. The test strips were place on Teflon coated cookie sheets and aged in air circulating ovens preheated to 140°C and 160°C. Periodically specimens of both materials were removed from the oven for elongation testing. Specimens were allowed to cool to room temperature prior to testing. All testing was carried out on an INSTRON® tensile testing machine at a crosshead speed of 50 mm/min. Results of the elongation testing are shown in Tables V and VI below.

TABLE V

TABLE VI

Formula B2	
Expanded 160°C for 15 Minutes	
Sample	Elongation
1	400%
2	300%
3	420%
Average	413%

Formula B3	
Expanded 160°C for 15 Minutes	
Sample	Elongation
1	100%
2	140%
3	120%
Average	120%

Expanded Aged for 2600 hrs. @ 140°C	
Sample	Elongation
1	240%
2	210%
3	200%
Average	217%

Expanded Aged for 2600 hrs. @ 140°C	
Sample	Elongation
1	220%
2	210%
3	210%
Average	213%

Expanded Aged for 3500 hrs. @ 140°C	
Sample	Elongation
1	80%
2	30%
3	50%
Average	53%

Expanded Aged for 3500 hrs. @ 140°C	
Sample	Elongation
1	120%
2	140%
3	120%
Average	127%